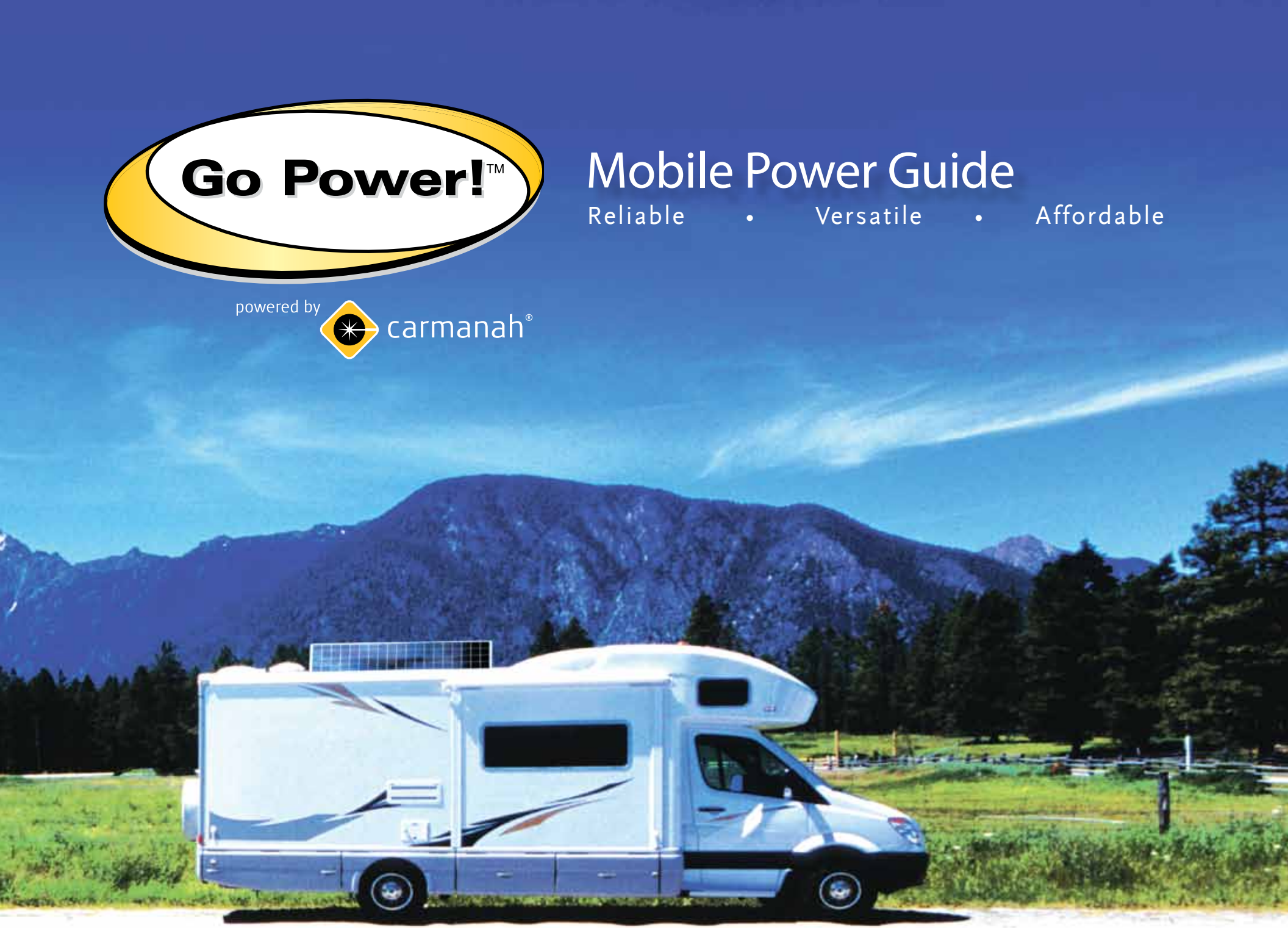
Go Power!™

powered by carmanah®

# Mobile Power Guide

Reliable • Versatile • Affordable



**The POWER to GO Anywhere! • www.gpelectric.com**

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# Introduction

## Mobile Power Solutions

Go Power!™

powered by carmanah®

Carmanah Technologies Corporation is an award-winning supplier of mobile and solar power solutions. Since 1985, Carmanah has served government, commercial and retail customers worldwide and is now one of the largest solar power suppliers in North America.

With more than 250,000 installations in 110 countries, Carmanah is a leading integrator of renewable and energy-efficient technologies. Worldwide, Carmanah is proving that there are socially responsible and economically viable power alternatives available for its customers.

## Choose Carmanah's Go Power! Products

Go Power! by Carmanah, is your premier source for mobile AC and DC power solutions. Go Power! inverters and solar charging kits are reliable, affordable and versatile.

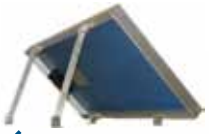
Go Power! products are currently in use in thousands of RV, fifth wheel, trailer, and camper applications, where dependable AC and DC power are needed.

# System Diagram

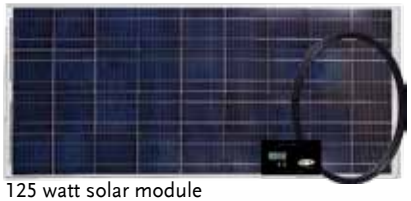
## How a Complete Go Power! Solar and Inverter System Works

The GPC-45 (as seen on page 13) battery charger, charges the RV's batteries when shore power is available

The GP-PWM-25 (as seen on page 7) digital solar regulator prevents the RV's batteries from overcharging

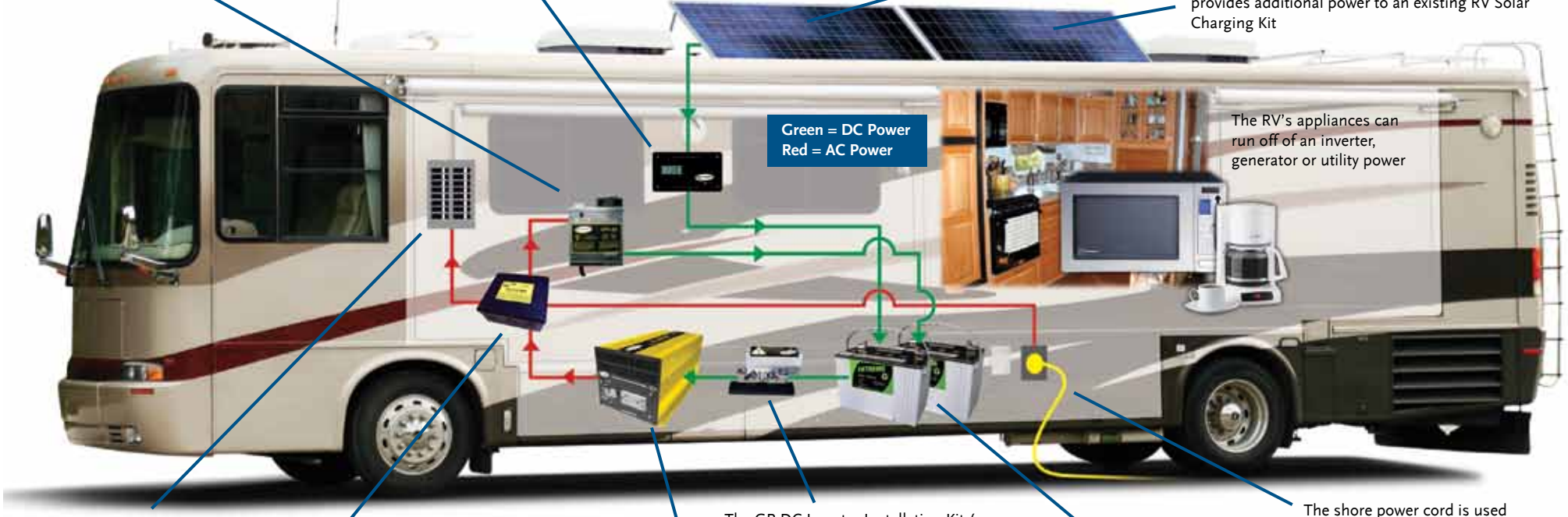


The optional ARM-UNI mount (as seen on page 4) tilts the solar module towards the sun to capture more power



The 125 watt solar module included in the GP-RV-125 Solar Charging Kit (as seen on page 3) charges the RV's batteries anytime it is exposed to sunlight

The GP-RV-125E expansion kit (as seen on page 4) provides additional power to an existing RV Solar Charging Kit




The RV's appliances can run off of an inverter, generator or utility power

The AC breaker panel feeds the RV with power to run all the RV's AC loads

The GP-TS pre-wired transfer switch (as seen on page 11) has an input for the shore power and inverter. The output power goes to the AC breaker panel. The GP-TS also has an outlet to plug in the GPC-45

The GP-DC Inverter Installation Kit (as seen on page 10) has an inverter fuse and correct cabling for safe inverter DC installation

The GP-SW2000 inverter (as seen on page 8) converts the battery power to AC power

The GP-SWR-B Remote (as seen on page 10) is an inverter remote used to turn the inverter on and off

The shore power cord is used to plug into utility power

The EX-1050 AGM high efficiency batteries (as seen on page 13) are the solar system's DC power reservoir

# Systems

**Complete Solar and Inverter Systems**
**Keep your batteries healthy and charged and have AC power when you need it!**

The Solar Elite and Weekender SW are complete plug and play systems.
These kits will allow you to run AC appliances and charge your batteries.

Go Power!™

powered by carmanah®

## Solar Elite

### Great for extended RVing

- 250 watt (14.0 amp) solar charging kit (includes one GP-RV-125 kit and one GP-RV-125E kit)
- Go Power! SW2000-12 inverter for AC power
- GP-PWM-25 digital regulator
- 45 amp smart battery charger (GPC-45)
- Automatic 30 amp AC switching kit (GP-TS)
- DC inverter install kit
- Remote on/off

## Weekender SW

### Great for weekend RVing

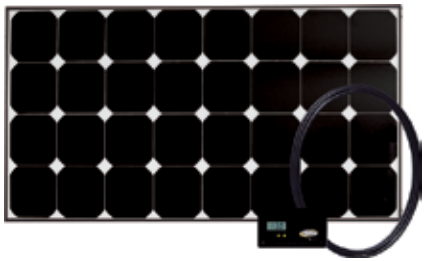
- 125 watt (7.0 amp) solar charging kit
- Go Power! SW1500-12 inverter for AC power
- GP-PWM-25 digital regulator
- Automatic 30 amp AC switching kit (GP-TS)
- DC inverter install kit
- Inverter on/off remote

# RV Solar Charging Kits

**Healthy batteries give you the freedom to run lights, water pumps, furnaces, and more DC appliances. With Go Power! solar charging kits, your batteries will remain fully charged and healthy.**

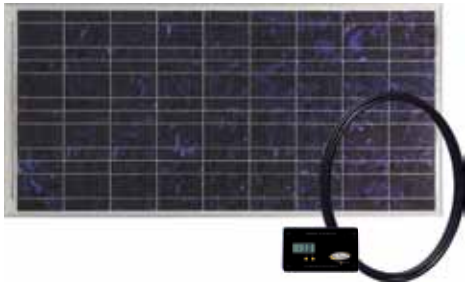
## GP-RV-125 Kit

- Our largest single-panel kit
- 125 watts
- 7.0 amps of charge power
- GP-PWM-25 digital regulator
- Ideal for long-term dry camping
- 25.5 lbs
- 58.5" x 26.1" x 1.38"
- All mounting hardware included
- 25-year warranty



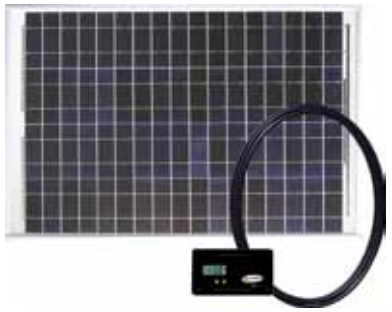
## GP-RV-95 Kit

- Most efficient solar charging kit on the market!
- 95 watts
- 5.5 amps of charge power
- GP-PWM-25 digital regulator
- Ideal for long-term dry camping
- 16.3 lbs
- 40.8" x 20.8" x 1.4"
- All mounting hardware included
- 25-year warranty



## GP-RV-80 Kit

- Our most popular kit
- 80 watts
- 4.6 amps of charge power
- GP-PWM-25 digital regulator
- 21 lbs
- 47.3" x 21.1" x 2"
- All mounting hardware included
- 25-year warranty

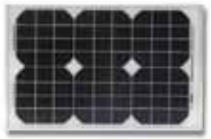


## GP-RV-50 Kit

- 50 watts
- 3.1 amps of charge power
- GP-PWM-25 digital regulator
- 14.5 lbs
- 33" x 21.1" x 2"
- All mounting hardware included
- 25-year warranty

## GP-RV-20 Kit

- Full-size trickle charger
- 20 watts
- 1.3 amps of charge power
- Includes SG4 regulator
- 6.5 lbs
- 21.5" x 14" x 2"
- All mounting hardware included
- 10-year warranty



## GP-RV-10 Kit

- Trickle charger
- 10 watts
- 0.65 amps of charge power
- Regulator not required for batteries over 60 amp hours
- 3.5 lbs
- 14" x 12.5" x 2"
- All mounting hardware included
- 10-year warranty

## Size your own system or kit

**Use our Mobile Power Calculator at:**
**www.gpelectric.com or**
**www.solarforrv.com**
**to properly size your system.**

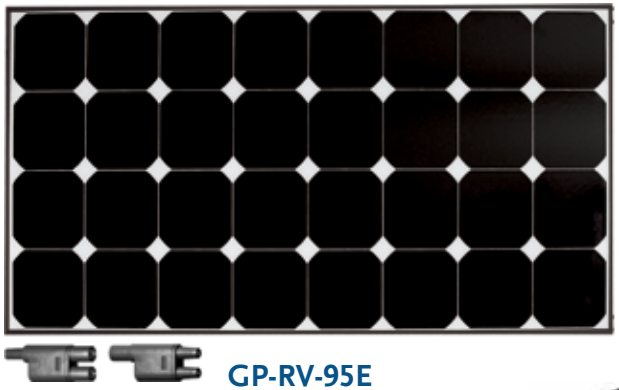
# Expansion Kits & Accessories

## Solar Expansion Kits

Expand your RV's solar charging kit at anytime just by adding additional solar modules. Each Go Power! expansion kit includes a solar module, mounting hardware and cable to quickly connect to the existing module on your RV roof. Your Go Power! regulator can accommodate multiple solar modules up to 25 amps or 395 watts of power. All Go Power! Solar and Expansion kits are compatible with one another as long as the powers are 50 watts or higher.

New!

**GP-RV-125E**
**125 watt Expansion Kit**



**GP-RV-95E**
**95 watt Expansion Kit**

**GP-RV-80E**
**80 watt Expansion Kit**

**GP-RV-50E**
**50 watt Expansion Kit**

## Solar Kit Accessories

### Go Power! Adjustable Mount

**Increase solar module performance up to 40%**

The Go Power! Adjustable Mount optimizes solar charging by enabling you to adjust the module to maximize exposure to the sun. Ideal for winter RVers, tilting the module can increase performance by up to 40%.

The Go Power! Adjustable Mount attaches flat to the roof for traveling, and adjusts from 0-75 degrees (to face either side) when parked, and tilts in two directions. No tools needed.

**ARM-UNI**
(Adjustable Mount - for 50, 80, 95 and 125 watt modules)

### GP MH-2 Bracket/Plug Set

**This set includes two Z brackets and four expansion plugs.**

**Z brackets**
These are easy-to-use brackets that can be used to firmly mount modules to any flat surface, while allowing air to flow underneath. They are made from anodized aluminum. The Z brackets are included in all solar and expansion kits.

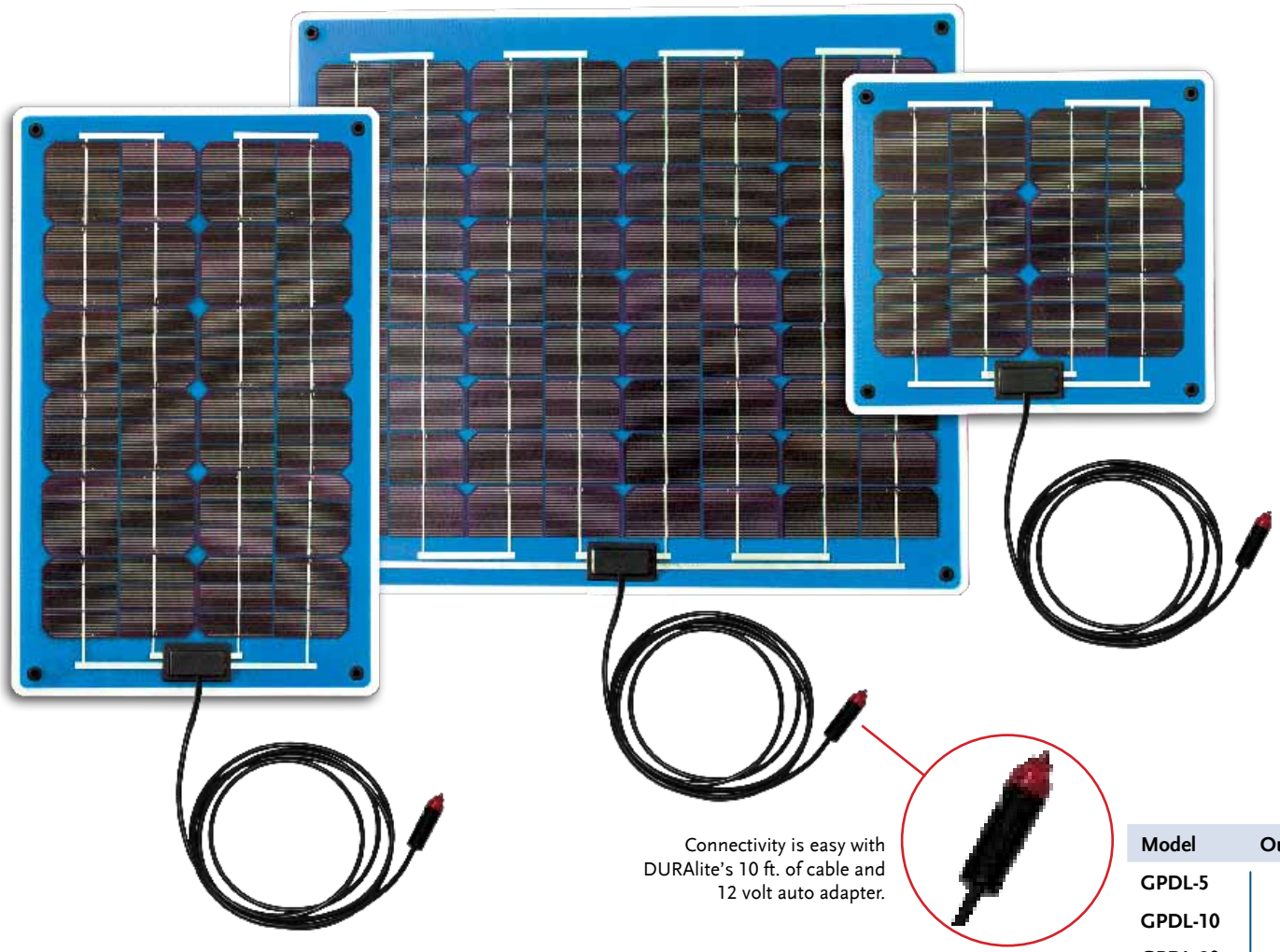
**Expansion Plugs**
Expansion plugs are used for securing solar module mounts to RV roofs. The rubber plugs expand within the hole as the bolt is tightened. These plugs are self-sealing and fit in a 3/8" hole. The expansion plugs are included in all solar and expansion kits.

# Solar Chargers

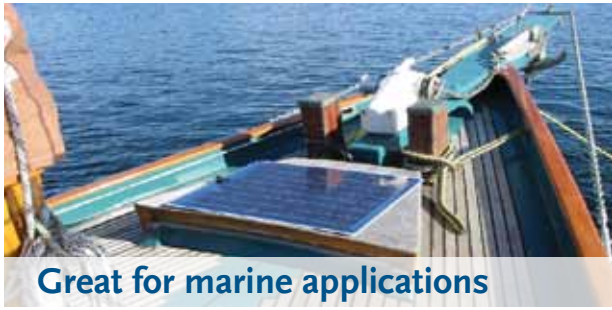
## Go Power! DURAlite Solar Trickle Chargers

DURAlite SOLAR CHARGER

Go Power! DURAlites are slim, lightweight, portable solar trickle chargers that are an excellent solar solution for any vehicle that remains parked for long periods of time. Put DURAlite solar trickle chargers out in the sun to maintain your batteries charge, and then store for later use. Unlike other solar trickle chargers, the DURAlite is designed for all weather applications. 5 year warranty.



Connectivity is easy with DURAlite's 10 ft. of cable and 12 volt auto adapter.



Great for marine applications

Extremely durable

Keep your starter battery charged

| Model | Output (watts) | Amperage | Dimensions | Weight (lbs) |
|---|---|---|---|---|
| **GPDL-5** | 5 | 0.3 | 12" x 11" | 1.65 |
| **GPDL-10** | 10 | 0.6 | 19" x 12" | 2.85 |
| **GPDL-20** | 20 | 1.2 | 22" x 19" | 4.6 |

# Solar Chargers

## Go Power! SUNfilm Solar Battery Chargers

SUNfilm
SOLAR BATTERY CHARGERS

Go Power!™ **SUN**film Solar Battery Chargers are made from thin film technology that is lightweight and economical. The series is ideal for maintaining your battery's charge during periods of inactivity, to protect against constant discharge from on-board computers, electronic systems and devices.  5 year warranty.

The **SUN**film solar series is perfect for trickle charging:

- **Deep cycle battery (12V)**
- **Automotive battery (12V)**
- **Motorcycle, ATV, snowmobile and marine battery**
- **Electronic device chargers** *(with the use of an adaptor)*

The built-in diode (5W and 15W) prevents reverse charging and the durable module can be mounted for use in both exterior and dash board applications. **SUN**film solar battery chargers are weatherproof and will charge in any season - even on cloudy days.

Keep your starter battery charged

Great for charging portable electronics

Connectivity is easy with SUNfilm's 12 volt auto adapter.

| Model | Output (watts) | Amperage | Dimensions | Weight (lbs) |
|---|---|---|---|---|
| **GP-SF-1.5** | 1.5 | 0.1 | 6.5" x 14.5" x 0.5" | 1 |
| **GP-SF-5** | 5 | 0.3 | 14" x 13.25" x 0.5" | 2.2 |
| **GP-SF-15** | 15 | 0.9 | 12.25" x 36" x 0.5" | 6.5 |

Visit us at
**www.gpelectric.com** or
**www.solarforrv.com**
and use our online mobile power calculator to size your solar charging kit and inverter.

This interactive Mobile Power Calculator will provide you with Go Power! mobile power equipment recommendations based on your specific power usage.

| Model | Weekly Output |
|---|---|
| GP-RV-10 | 25 Ahr/week |
| GP-RV-20 | 55 Ahr/week |
| GP-RV-50 | 130 Ahr/week |
| GP-RV-80 | 196 Ahr/week |
| GP-RV-95 | 229 Ahr/week |
| GP-RV-125 | 294 Ahr/week |
| Weekender SW | 294 Ahr/week |
| Solar Elite | 588 Ahr/week |

Note: Typical power output is based on 6 hours charging per day and will vary at different times of the year, by location, and with varying weather conditions.

**To increase your weekly output, add a Go Power! Expansion Kit for additional amp hours.**

# Go Power! Solar Sizing Chart

The Solar Sizing Chart is designed to simplify choosing the right Go Power! RV Solar Kit for your power needs. To find the correct solar kit, simply complete the Solar Sizing Chart (Step 1). Complete the Total Weekly Amps Calculation (Step 2) and match your expected power demands to the appropriate Go Power! solar kit found in the Solar Power Output Chart (Step 3).

**1. Go Power! Solar Sizing Chart**

| 12 volt Appliances | Amps | x Qty. | x Hrs. Run/Day | = Total Amp Hours |
|---|---|---|---|---|
| 10 watt light | 0.8 | | | |
| 15 watt light | 1.25 | | | |
| Water pump | 4 | | | |
| 12 volt TV | 3 | | | |
| Fantastic fan | 4 | | | |
| Furnace fan | 8 | | | |
| 12 volt stereo | 0.8 | | | |
| Refrigerator | 0.4 | | | |
| Propane alarm | 0.21 | 1 | 24 | |
| Other | | | | |
| *Fan and furnace are not typically run at the same time | | | | |
| **120 VAC Appliances - Using DC to AC Go Power!™ Inverters** | | | | |
| TV | 4 | | | |
| VCR | 3 | | | |
| Satellite dish | 4 | | | |
| Microwave | 100 | | | |
| Toaster | 66 | | | |
| Coffee maker | 60 | | | |
| Blender | 12 | | | |
| Computer | 25 | | | |
| Laptop computer | 5 | | | |
| Other | | | | |
| * All amperage ratings are based on a 12 volt system. | | | **Total amp hours per day** | |

**2. Total Weekly Amps Calculation**

Multiply total amp hours per day by the number of days per week (i.e.: weekend camping: multiply total amp hours x 2 days, full-time camping: multiply total amps per day x 7 days).

_____ amps per day x _____# of days of use per week = _____ total amps weekly.

**3. Go Power! Solar Power Output Chart**

Match your local amp hours per week to the chart on the left.

# Solar Regulator

## GP-PWM-25 Amp Digital Solar Regulator

New!

Most solar charging kits need a solar regulator to prevent over-charging. **The NEW Go Power! GP-PWM-25 is a 25 Amp Pulse Width Modulated digital solar regulator.** The GP-PWM-25 regulates the current-flow from the solar module(s) to the batteries, keeping them balanced and at peak performance. The digital display shows the battery voltage, charging current and battery state of charge. Expandable capability can handle 4-5 solar panels with a capacity up to 395 watts or 25 amps. The GP-PWM-25 was designed with RVers and mariners in mind, and is full of great features:

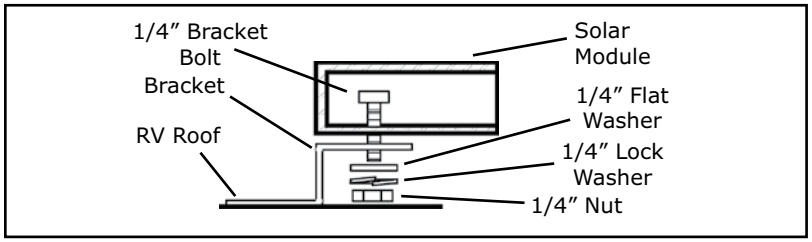
- Pulse Width Modulated charging – Produces more charging power out of solar modules
- Automatically adjusts for 12 or 24 Volt solar systems
- 3 battery charging profiles for Gel, AGM and Flooded batteries
- Protects batteries from over temperature, over voltage protection
- Reverse polarity protected - eliminates user errors
- Improved 4 stage charging - Bulk, Float, Absorption and Equalize
- Max wire size up to #6 AWG
- Faster to install, more accurate and user friendly
- Push button operation
- Five year warranty

**GP PWM-25 - Handles up to 395 watts of solar**
(at a typical Vp of 17.3 V)

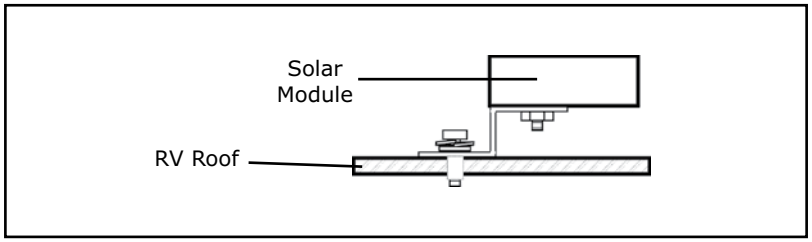
## How to Install a Solar Charging Kit:

Installing your solar module is easy: everything is included in the Go Power! Solar Kit. With basic tools you or a qualified Go Power! dealer can install it. Below are four easy steps to install your Go Power! Solar Kit. See the installation guide, found in each kit, for complete details:

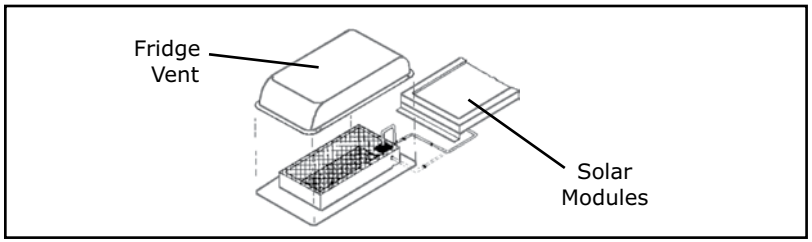
**Step 1:** Install the mounting brackets and cable on to the solar module.



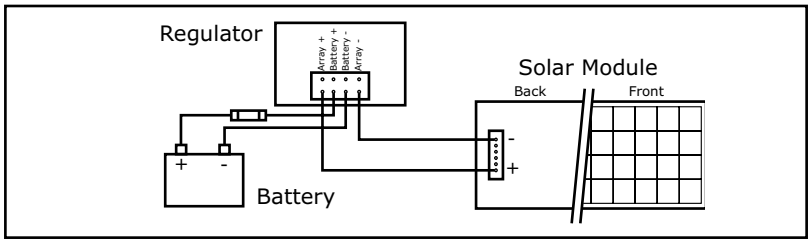

**Step 2:** Secure the module to the roof with the leak-proof hardware provided.




**Step 3:** Run the power cable down the refrigeration vent and then to the regulator.



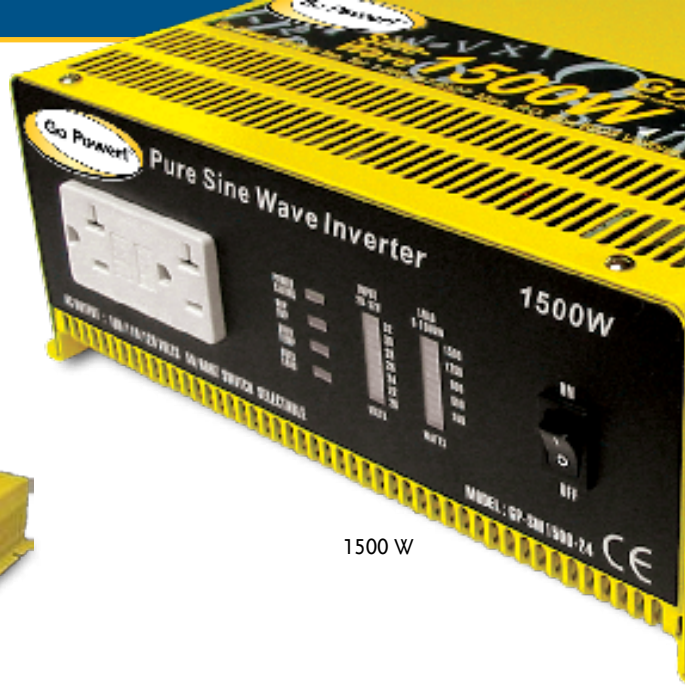

**Step 4:** Attach solar module cable to the regulator; connect the regulator to the batteries.



# Pure Sine Wave Power Inverters

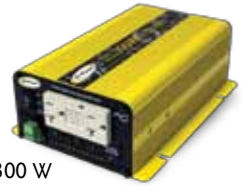
## Go Power! Pure Sine Wave Inverters
## Premium power ranging from 150 to 3000 watts

The Go Power! pure sine wave inverters produce an exact replica of AC power. Go Power! pure sine wave inverters are the ultimate choice for equipment that demands a clean, pure source of AC power. These are guaranteed to run any devices within their wattage range. 2 year warranty.



1500 W

150 W


300 W

600 W

1000 W

2000 W

3000 W

| MODEL | OUTPUT (watts) | SURGE (watts) | DIMENSIONS | WEIGHT (lbs) | OUTLETS | DC CONNECT (12 V) | REMOTES |
|---|---|---|---|---|---|---|---|
| **GP-SW150-12** | 150 | 260 | 7.9" x 5.2" x 2.8" | 5.4 | 2 | Lighter Plug | Option for 2 wire switch |
| **GP-SW300-12** | 300 | 450 | 9.25" x 6.1" x 2.75" | 7.7 | 2 GFCI | Anderson Lug Terminals | Option for 2 wire switch |
| **GP-SW600-12** | 600 | 860 | 11.6" x 7" x 2.8" | 5.4 | 2 GFCI | Use GP-DC-Kit 2 | N/A |
| **GP-SW1000-12** | 1000 | 2000 | 15.1" x 7.2" x 3.5" | 9 | 2 GFCI | Use GP-DC-Kit 2 | GP-SWR-B |
| **GP-SW1500-12** | 1500 | 2000 | 16.3" x 10.9" x 4.1" | 17 | 2 GFCI | Use GP-DC-Kit 3 | GP-SW-Remote |
| **GP-SW2000-12** | 2000 | 4000 | 16.6" x 8.2" x 6.5" | 19 | 2 GFCI + HW | Use GP-DC-Kit 4 | GP-SWR-B |
| **GP-SW3000-12** | 3000 | 6000 | 17.8" x 8.2" x 6.5" | 21 | 2 GFCI + HW | Use GP-DC-Kit 5 | GP-SWR-B |

NOTE: All pure sine wave inverter models available in 12 volt or 24 volt versions

# Modified Sine Wave Power Inverters

## Go Power! Modified Sine Wave Inverters
## Powerful and economical power inverters ranging from 175 to 3000 watts

Go Power! modified sine wave inverters provide an economical solution to your power needs.
Lightweight and simple to use, Go Power! modified sine wave inverters can be used in a wide range of RV, fleet and utility vehicle applications.
1 year warranty.

175 W

300 W

600 W

1000 W

1750 W

3000 W

| MODEL | OUTPUT (watts) | SURGE (watts) | DIMENSIONS | WEIGHT (lbs) | OUTLETS | DC CONNECT (12 V) | REMOTES |
|---|---|---|---|---|---|---|---|
| **GP-175** | 175 | 210 | 5.3" x 2.1" x 1.8" | 1.1 | 1 | Lighter Plug | N/A |
| **GP-300** | 300 | 400 | 6.5" x 3.5" x 2" | 1.8 | 2 | Lighter Plug and Clips | N/A |
| **GP-600** | 600 | 860 | 9" x 3.4" x 2" | 2 | 2 | Cables Included | N/A |
| **GP-1000** | 1000 | 1300 | 11.2" x 5.8" x 2.8" | 4.2 | 2 | Use GP-DC-Kit 2 | N/A |
| **GP-1750HD** | 1500 | 2100 | 19" x 9.4" x 3.25" | 8.8 | 2 | Use GP-DC-Kit 3 | GP-Remote |
| **GP-3000HD** | 3000 | 6000 | 14.4" x 9.2" x 6.2" | 14.5 | 4 + HW | Use GP-DC-Kit 5 | GP-Remote |

Not all devices are designed to run with modified sine wave. Please consult a Go Power! sales rep or dealer to choose the right inverter for your needs.

# Inverter Accessories

## Go Power! Pure Sine Wave Remotes

### GP-SW-Remote

The GP-SW-Remote is used for the GP-SW1500 inverters. It features an LED indicator showing inverter status, on/off switch and 25' cable. In addition, the GP-SW-Remote also allows you to switch between power modes (full invert and power save).

### GP-SWR-B Remote

The GP-SWR-B Remote features an LED bar graph, on/off switch and 25 ft. cable. It can be used with the GP-SW1000, GP-SW2000, and GP-SW3000.

## Go Power! Modified Sine Wave Remote

### GP-Remote

The GP-Remote can be used for the GP-1750HD and GP-3000HD inverters. It features an LED indicator showing inverter status, on/off switch and 25' cable.

## Go Power! Inverter DC Installation Kits

### For a safe battery and inverter connection

Go Power! DC Installation Kits include everything you need to properly connect your Go Power! inverter to the batteries. The DC Installation Kit includes 10' large gauge battery cables, tie downs, lugs and the appropriate inverter fuse and mounting block.

| 12 VOLT | Inverter Size |
|---|---|
| **GP-DC-KIT 2** | 600-1000 W |
| **GP-DC-KIT 3** | 1100-1800 W |
| **GP-DC-KIT 4** | 2000-2500 W |
| **GP-DC-KIT 5** | 2600-3000 W |

| 24 VOLT | Inverter Size |
|---|---|
| **GP-DC-KIT 2** | 600-1800 W |
| **GP-DC-KIT 3** | 2000-3000 W |
| **GP-DC-KIT 4** | 3100-4000 W |
| **GP-DC-KIT 5** | 4100-6000 W |

## Go Power! DC Inverter Fuse Blocks

Go Power! DC Inverter Fuse Blocks include extra heavy duty class-T DC rated inverter fuses, with "slow blow" characteristics suitable for inverter installations. Protect yourself and your equipment! Includes mounting block, fuse and protective cover. (Note: automotive fuses are not recommended for use in an inverter installation due to arcing or welding risk, which may result in a fire).

| Model: | |
|---|---|
| **FBL-110** | 110 amp DC fuse block |
| **FBL-200** | 200 amp DC fuse block |
| **FBL-300** | 300 amp DC fuse block |
| **FBL-400** | 400 amp DC fuse block |

| Model: | |
|---|---|
| **F-110** | 110 amp replacement fuse |
| **F-200** | 200 amp replacement fuse |
| **F-300** | 300 amp replacement fuse |
| **F-400** | 400 amp replacement fuse |

# Inverter Accessories

## Go Power! Transfer Switches

**The ideal solution to preventing AC back feed when integrating an inverter directly into the AC electrical system.**

### GP-TS 30 amp relay, inverter cord & receptacle

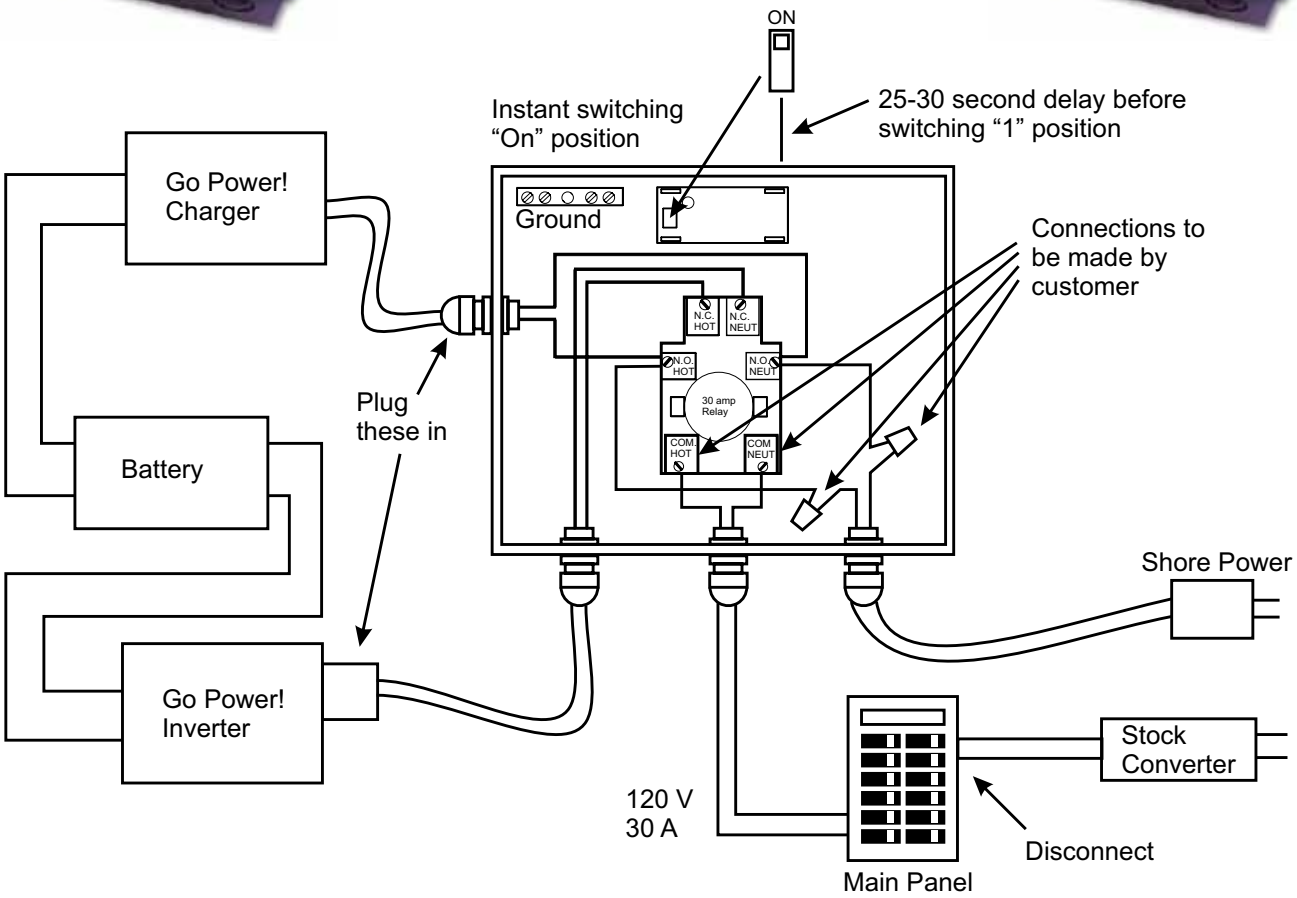
The GP-TS is a prewired and circuit protected version of the TS-30, designed with special features to simplify and speed up installation. It includes a cable with built-in plug to connect the inverter output, and a receptacle that powers your converter only when shore power is available.
Benefit: Less installation time

### TS-30 30 amp transfer relay

The Go Power! TS-30 is a 30 amp AC switch that automatically connects shore power (when available) to your breaker panel. When unplugged from power, it then connects your inverter output to power your circuits.

### TS-50 50 amp, 240 VAC relay

The TS-50 is a double pole switch for 50 amp services with two separate 120 VAC legs.



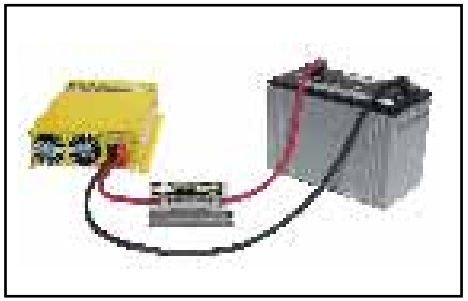
# Inverter Installation

## Option 1: Plug & Power

**Plug & Power is the easiest way to install Go Power! Inverters. Your inverter should be located close to the batteries, but in a protected area free from moisture, dust, dirt and battery fumes. The DC Install Kits listed on page 10 contain everything you need to install your inverter properly. Once installed, simply plug your power cord into your Go Power! Inverter and you will have AC power.**

Overview

- Inverter installed near batteries (<10' away)
- Plug shore power cord into:
  - inverter when camping
  - shore outlet when available
- Turn off converter when using inverter to prevent extra battery drain



Connect the inverter to batteries (using Go Power! DC Install Kits). Install fuse on positive cable within 2 feet of battery positive terminal.

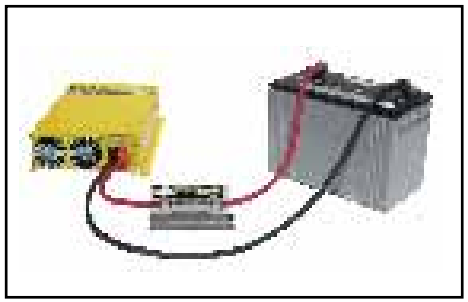
Plug RV power cord into inverter for AC power in RV.

## Option 2: Go Power! Hardwire with standard Automatic Transfer Switch

**Use the TS-30 automatic transfer switch with your Go Power! Inverter to automatically switch from shore power (when available) to inverter power. Wire your converter to the shore power side of the transfer switch to ensure the inverter is not being used to charge the RV batteries.**

Overview

- Inverter installed near batteries (<10' away)
- TS-30 is wired to shore power, inverter and RV load centre
- Converter or battery chargers wired to TS-30 shore input to prevent extra battery drain when inverter is being used



Connect the inverter to batteries (using Go Power! DC Install Kits). Install fuse on positive cable within 2 feet of battery positive terminal.

Power cord and inverter are wired to the breaker panel via TS-30. The stock converter charger must be disconnected from the AC breaker panel and be installed with a 15 amp fuse to the TS-30 shore power input.

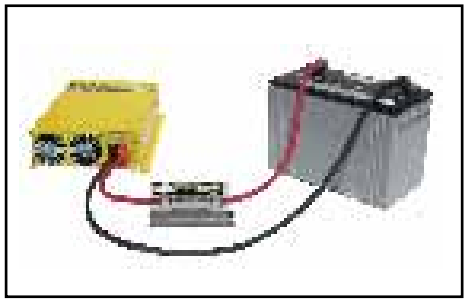
## Option 3: Go Power! Hardwire with Go Power! Prewired Automatic Transfer Switch

**The Go Power! Inverter and the Go Power! Transfer Switch (GP-TS) combined with a GPC Converter/Charger creates a totally hands-free system. Add a GPC-Smart Controller and take advantage of high powered three-stage smart charging capabilities.**

Overview

- GP-TS is wired to shore power, RV load centre and plugs directly into inverter
- GPC Converter plugs into outlet on GP-TS. Converter automatically turns off when using inverter power

**Note: See inverter manuals for complete instructions prior to installation.**



Connect the inverter to batteries (using Go Power! DC Install Kits). Install fuse on positive cable within 2 feet of battery positive terminal.

Power cord and inverter are wired to the breaker panel via GP-TS. Battery charger or stock converter is plugged into the GP-TS. Now the system is fully automatic!

# Batteries and Converter/Chargers

## Go Power! Converter/Chargers

**The ideal upgrade for your coach's battery system**

Go Power! Converters are compact, powerful battery chargers that offer fast, accurate battery charging at a reasonable cost. Using state-of-the-art, switch-mode technology, Go Power! Converter/Chargers are reliable, compact and lightweight. All models feature switchable output modes, one for float charging and one for rapid charging.

- Longer charging capability
- Robust design
- 2 year warranty

GPC-30

GPC-45

| Model | Current (amps) | Dimensions | Weight |
|---|---|---|---|
| GPC-30 | 30 amps | 7" x 6.5" x 3.5" | 5.5 lbs |
| GPC-45 | 45 amps | 7" x 6.5 x 3.5" | 5.5 lbs |
| GPC-55 | 55 amps | 7" x 6.5 x 3.5" | 5.5 lbs |
| GPC-75 | 75 amps | 10" x 6.5" x 3.5" | 7.8 lbs |
| | | | |
| GPSC-12-10A | 10 amps | 10.25" x 8.5" x 2.5" | 2.0 lbs |

*Note: 24 volt GPC Converter/ chargers are available

## GPC-Smart C

The optional GPC-Sm
the GPC charger to a
charger, with bulk, abs

**The Go Power! GPSC-12-10A's technology offers more sophisticated and faster charging than conventional transformer type chargers. These chargers feature a three-stage charging process providing highly reliable and power efficient operation.**

The charging stages are:

- **Bulk Stage:** Constant current charging at a high voltage level at maximum amperage
- **Absorption Stage:** Tapering current for the last 10-20% of charge
- **Float Stage:** Lower voltage float mode to prevent electrolyte loss

Go Power! Smart Chargers include an LED display of battery charging, state short circuit and over-temperature protection and a battery type selector switch. The high efficiency electronic design makes them the ideal choice for either a back-up charger or for use with generators.

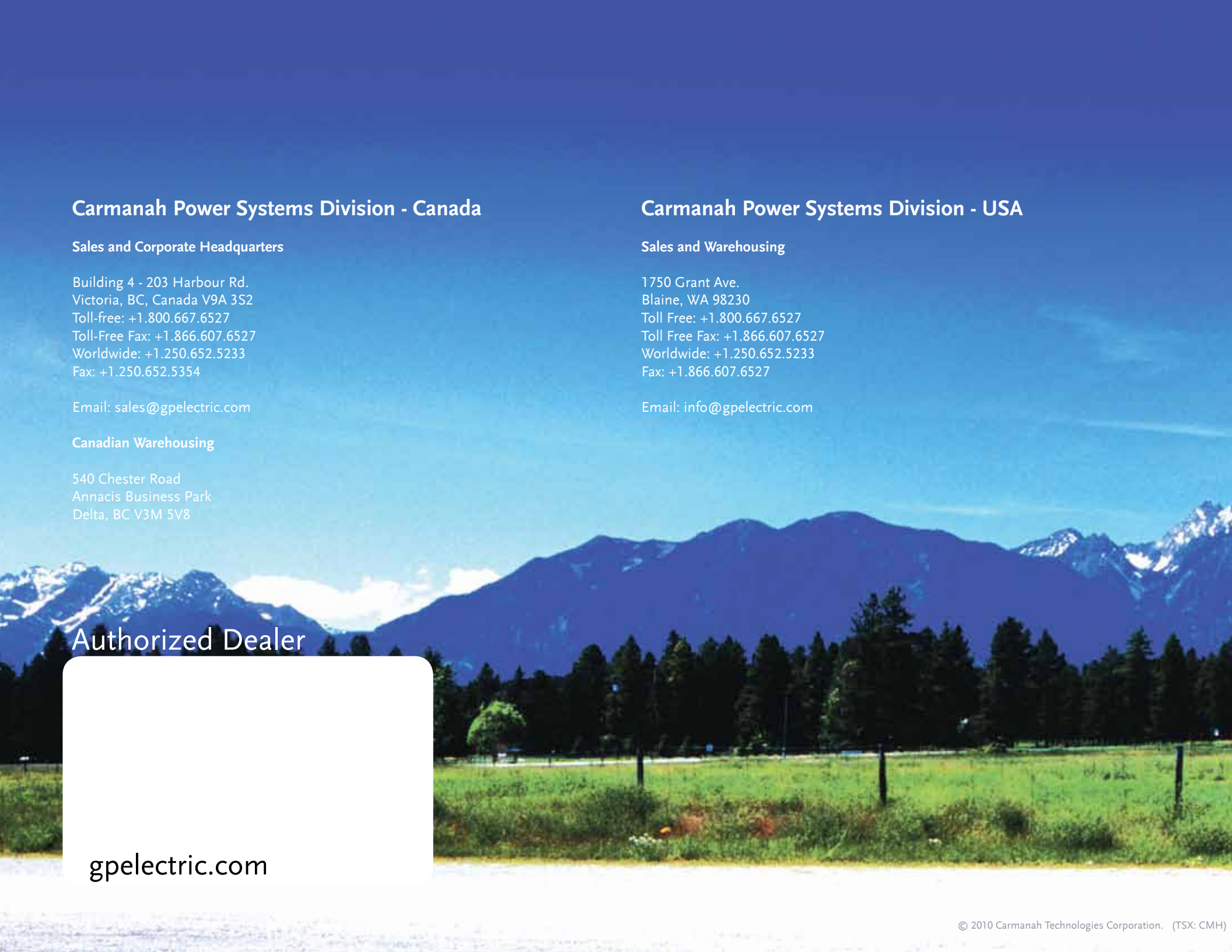
GPSC-12-10A

## EX-1050 AGM Battery

**Upgrade your system to the Extreme AGM**
**The right choice for maintenance-free deep**

Extreme 1050 AGM battery

- No need for vented battery box
- AGM - absorbed glass mat
- Non-spilling
- No maintenance
- More shock and vibration resistant
- Low self-discharge
- No corrosion issues
- Same charge characteristics as flooded
- Longer life
- Amp Hour Rating 105 Ah
- Dimensions: 12.75" L x 6.75" W x 9.25'



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